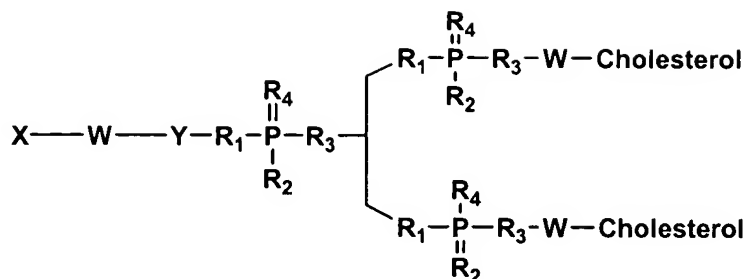


Claims

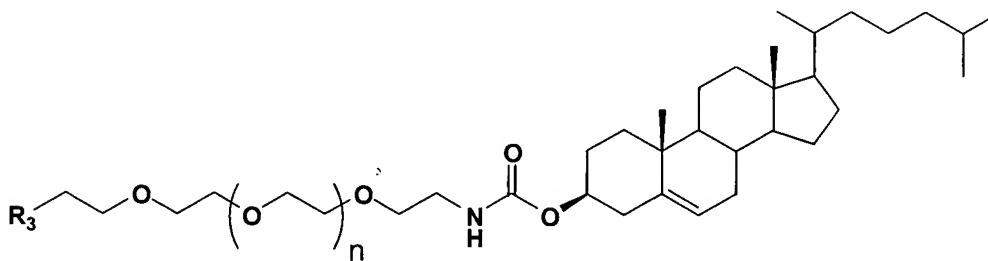
1. A compound having Formula 107:



107

- 5 wherein X comprises a biologically active molecule; each W independently comprises a linker molecule or chemical linkage selected from the group consisting of amide, phosphate, phosphate ester, phosphoramidate, or thiophosphate ester linkage, Y comprises a linker molecule that can be present or absent; each R1, R2, R3, and R4
10 independently comprises O, OH, H, alkyl, alkylhalo, O-alkyl, O-alkylcyano, S, S-alkyl, S-alkylcyano, N or substituted N, and Cholesterol comprises cholesterol or an analog, derivative, or metabolite thereof.

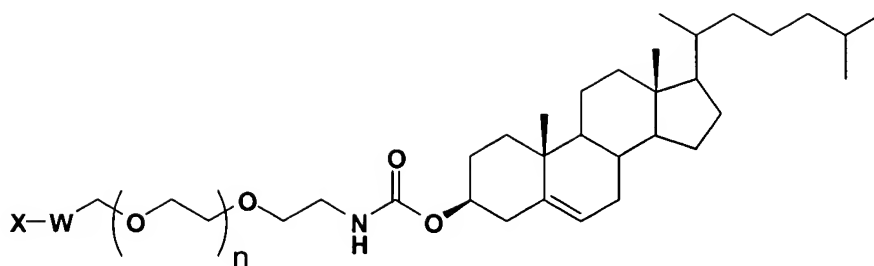
2. The compound of claim 1, wherein said W-Cholesterol comprises a compound having Formula 109:



109

wherein n is independently an integer from about 1 to about 20.

3. A compound having Formula 111:

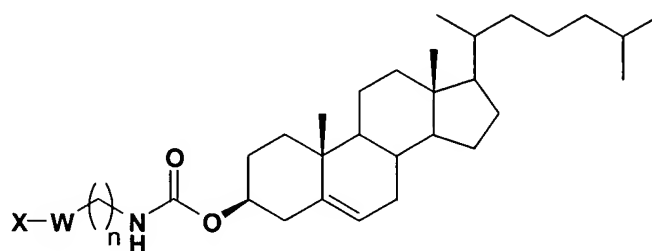


111

wherein X comprises a biologically active molecule; W comprises a linker molecule or chemical linkage that can be present or absent, and n is an integer from about 1 to about 20.

5

4. A compound having Formula 114:

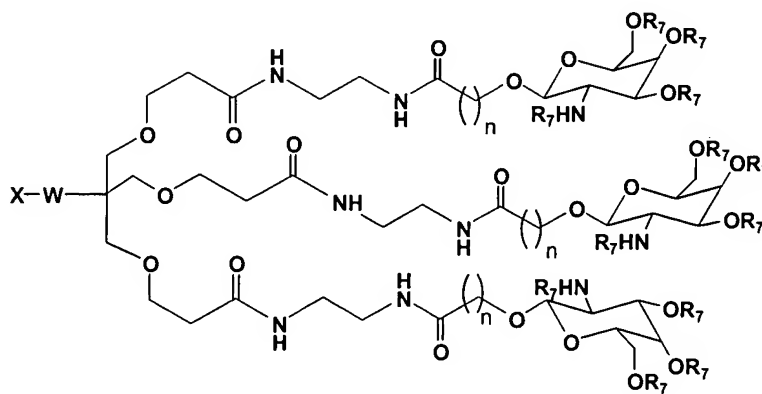


114

wherein X comprises a biologically active molecule; W comprises a linker molecule or chemical linkage that can be present or absent, and n is an integer from about 1 to about 20.

10

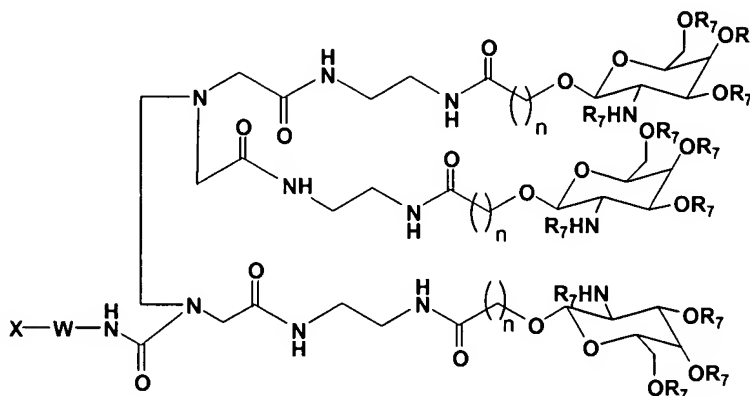
5. A compound having Formula 119:



119

wherein X comprises a biologically active molecule; W comprises a linker molecule or chemical linkage that can be present or absent, each R₇ independently comprises an acyl group that can be present or absent, and each n is independently an integer from about 1 to about 20.

6. A compound having Formula 121:



121

wherein X comprises a biologically active molecule; W comprises a linker molecule or chemical linkage that can be present or absent, each R₇ independently comprises an acyl group that can be present or absent, and each n is independently an integer from about 1 to about 20.

7. The compound of claim 1, wherein X comprises a siNA molecule or a portion thereof.

8. The compound of claim 3, wherein X comprises a siNA molecule or a portion thereof.

9. The compound of claim 4, wherein X comprises a siNA molecule or a portion thereof.

10. The compound of claim 5, wherein X comprises a siNA molecule or a portion thereof.

11. The compound of claim 6, wherein X comprises a siNA molecule or a portion thereof.
12. The compound of claim 1, wherein each W independently comprises a linker molecule or chemical linkage selected from the group consisting of amide, phosphate, phosphate ester, phosphoramidate, or thiophosphate ester linkage.
13. The compound of claim 3, wherein W comprises a linker molecule or chemical linkage selected from the group consisting of amide, phosphate, phosphate ester, phosphoramidate, or thiophosphate ester linkage.
14. The compound of claim 4, wherein W comprises a linker molecule or chemical linkage selected from the group consisting of amide, phosphate, phosphate ester, phosphoramidate, or thiophosphate ester linkage.
15. The compound of claim 5, wherein W comprises a linker molecule or chemical linkage selected from the group consisting of amide, phosphate, phosphate ester, phosphoramidate, or thiophosphate ester linkage.
16. The compound of claim 6, wherein W comprises a linker molecule or chemical linkage selected from the group consisting of amide, phosphate, phosphate ester, phosphoramidate, or thiophosphate ester linkage.
17. The compound of claim 7, wherein said siNA molecule comprises a sense strand and an antisense strand, and wherein said sense strand is conjugated with a compound comprising Formula 107.
18. The compound of claim 8, wherein said siNA molecule comprises a sense strand and an antisense strand, and wherein said sense strand is conjugated with a compound comprising Formula 111.
19. The compound of claim 9, wherein said siNA molecule comprises a sense strand and an antisense strand, and wherein said sense strand is conjugated with a compound comprising Formula 114.

20. The compound of claim 10, wherein said siNA molecule comprises and sense strand and an antisense strand, and wherein said sense strand is conjugated with a compound comprising Formula 119.
- 5 21. The compound of claim 11, wherein said siNA molecule comprises and sense strand and an antisense strand, and wherein said sense strand is conjugated with a compound comprising Formula 121.